Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
Data File : BN013681.D
Acq On : 19 Feb 2021 13:45
Operator : CG/JU
Sample : PB134719BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 19 14:16:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	5844	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	23347	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	13126	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	28010	0.40	ng	#	0.00
29) Chrysene-d12	21.133	240	27411	0.40	ng		0.00
36) Perylene-d12	23.301	264	26297	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5773	0.46	ng		0.00
5) Phenol-d6	6.726	99	7213	0.46	ng		0.00
8) Nitrobenzene-d5	8.680	82	5189	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	14175	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1513	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	19309	0.39	ng		0.00
27) Fluoranthene-d10	18.970	212	29265	0.39	ng		0.00
31) Terphenyl-d14	19.581	244	24005	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2438	0.37	ng		98
3) n-Nitrosodimethylamine	3.497	42	1894	0.40	ng	#	88
6) bis(2-Chloroethyl)ether	6.984	93	5796	0.41	ng		99
9) Naphthalene	10.353	128	22485	0.39	ng		100
10) Hexachlorobutadiene	10.644	225	3749	0.39	ng	#	99
12) 2-Methylnaphthalene	11.977	142	15453	0.39	ng		98
16) Acenaphthylene	13.890	152	18882	0.38	ng		100
17) Acenaphthene	14.245	154	14130	0.39	ng		99
18) Fluorene	15.234	166	17637	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	1029	0.41	ng		90
21) 4-Bromophenyl-phenylether	16.131	248	5225	0.38	ng		95
22) Hexachlorobenzene	16.240	284	5859	0.38	ng		99
23) Atrazine	16.410	200	3409	0.38	ng		98
24) Pentachlorophenol	16.581	266	1387	0.51	ng		99
25) Phenanthrene	16.970	178	29153	0.38	ng		100
26) Anthracene	17.055	178	23646	0.38	ng		100
28) Fluoranthene	19.000	202	32186	0.38	ng		99
30) Pyrene	19.362	202	32601	0.40	ng		100
32) Benzo(a)anthracene	21.123	228	29171	0.40	ng		99
33) Chrysene	21.176	228	33004	0.39	ng		96
34) Bis(2-ethylhexyl)phtha...	21.070	149	9147	0.42	ng		98
35) Indeno(1,2,3-cd)pyrene	25.447	276	36901	0.42	ng		99
37) Benzo(b)fluoranthene	22.654	252	33841	0.37	ng		96
38) Benzo(k)fluoranthene	22.699	252	34636	0.38	ng	#	96
39) Benzo(a)pyrene	23.209	252	29694	0.38	ng		99
40) Dibenzo(a,h)anthracene	25.461	278	30835	0.37	ng		97
41) Benzo(g,h,i)perylene	26.101	276	32113	0.37	ng		99

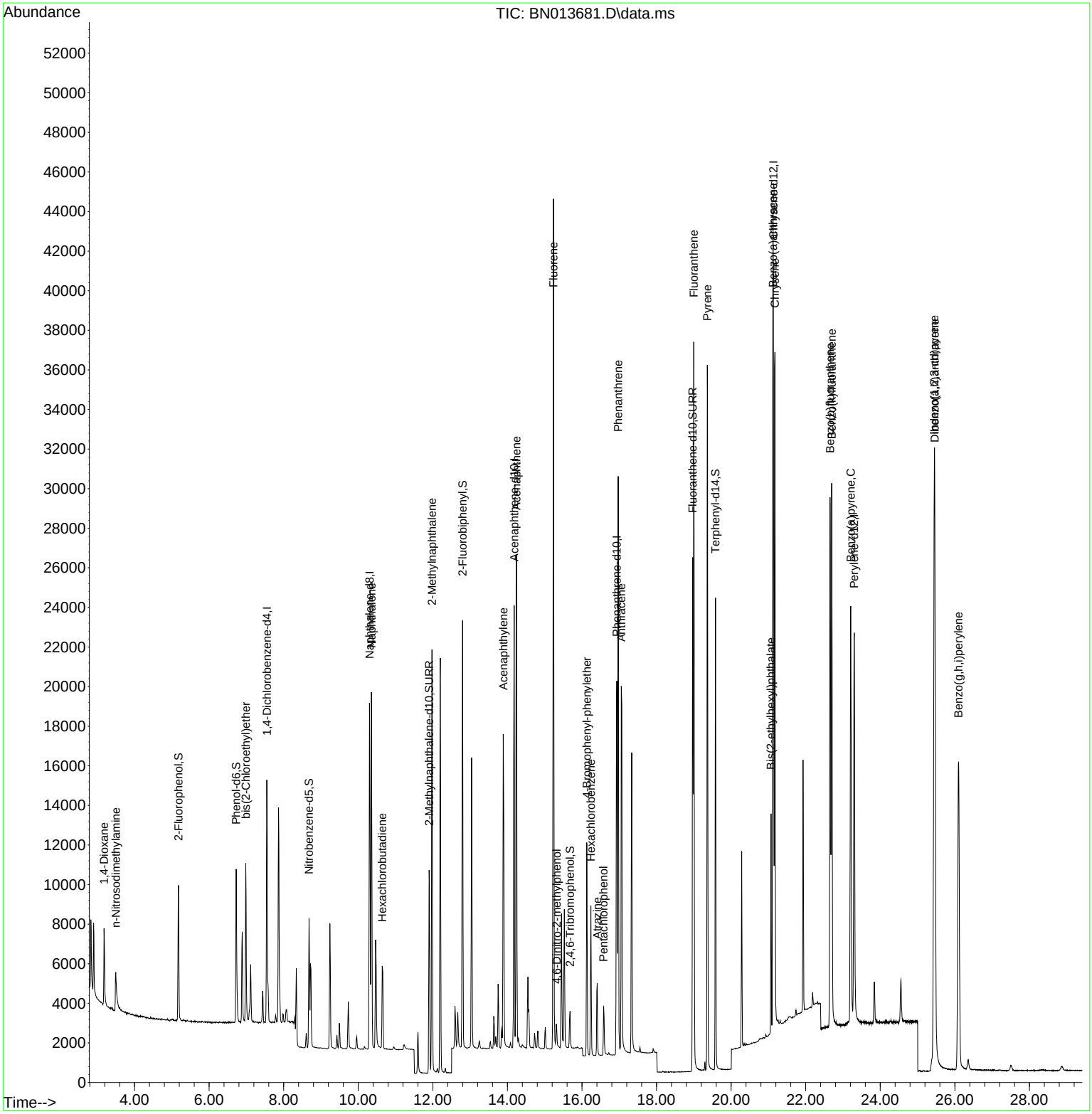
(#) = qualifier out of range (m) = manual integration (+) = signals summed

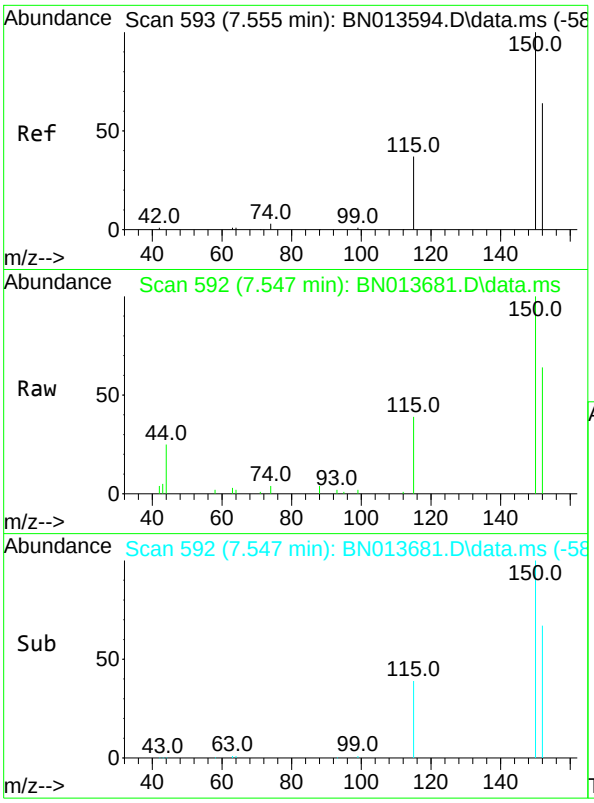
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
Data File : BN013681.D
Acq On : 19 Feb 2021 13:45
Operator : CG/JU
Sample : PB134719BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 19 14:16:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

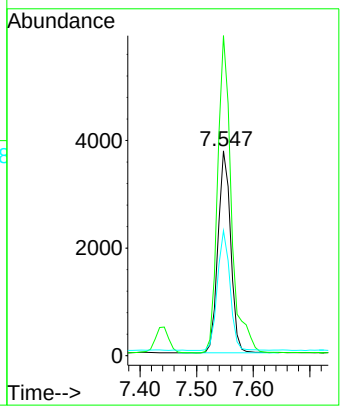




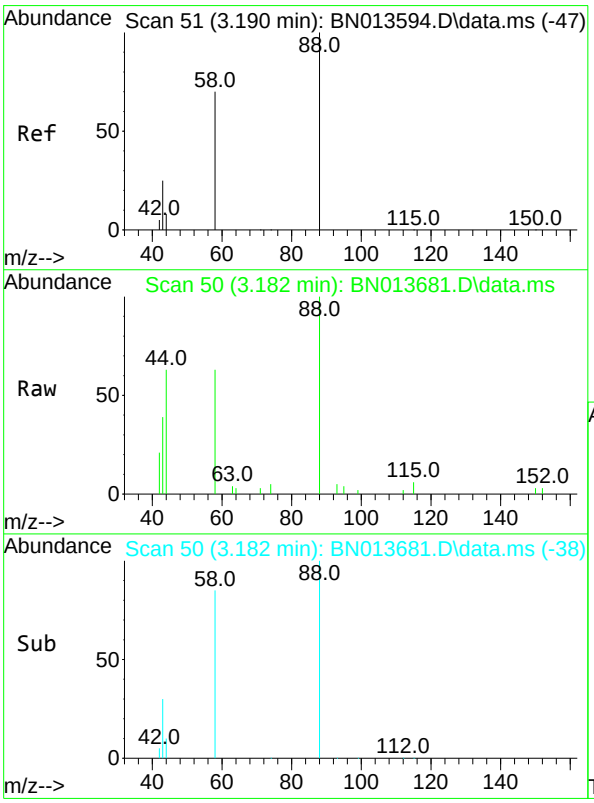
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:152 Resp: 5844

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.8	182.8
115	61.0	46.6	69.8



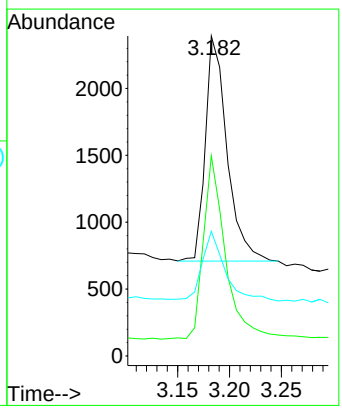
Instrument :
BNA_N
ClientSampleId :



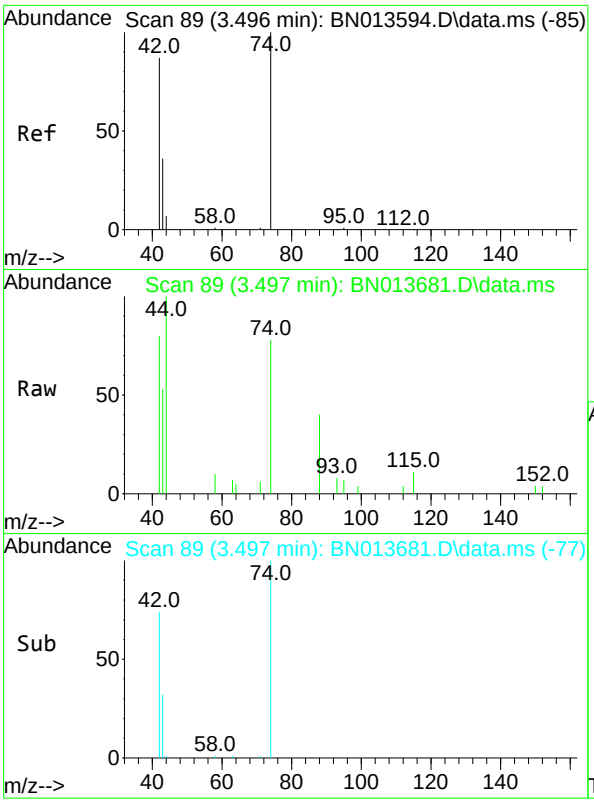
#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion: 88 Resp: 2438

Ion	Ratio	Lower	Upper
88	100		
58	83.1	64.6	96.8
43	32.8	26.6	40.0



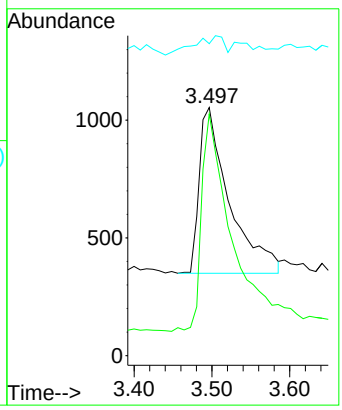
Instrument :
BNA_N
ClientSampleId :

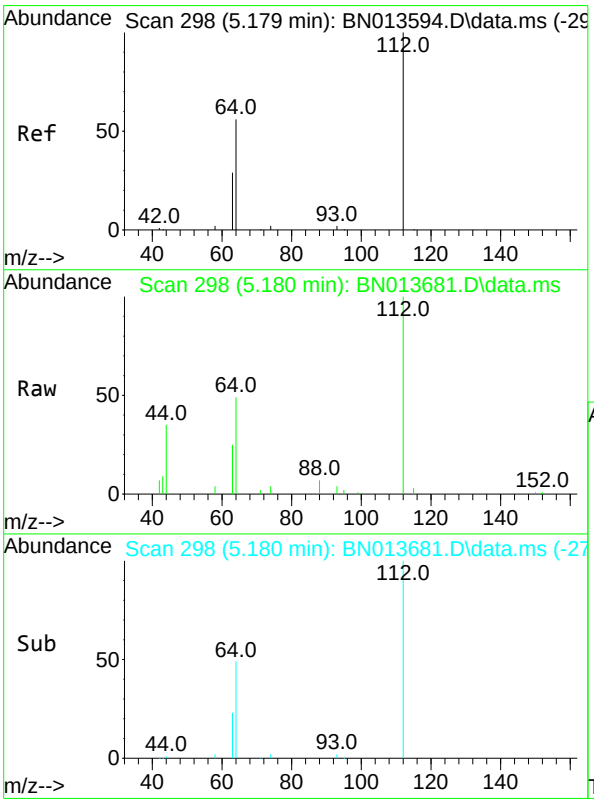


#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.497 min Scan# 89
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion: 42 Resp: 1894

Ion	Ratio	Lower	Upper
42	100		
74	132.6	95.0	142.6
44	11.2	5.8	8.8#

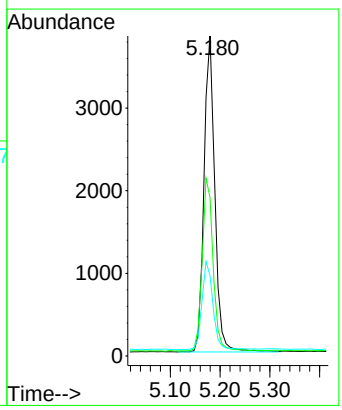




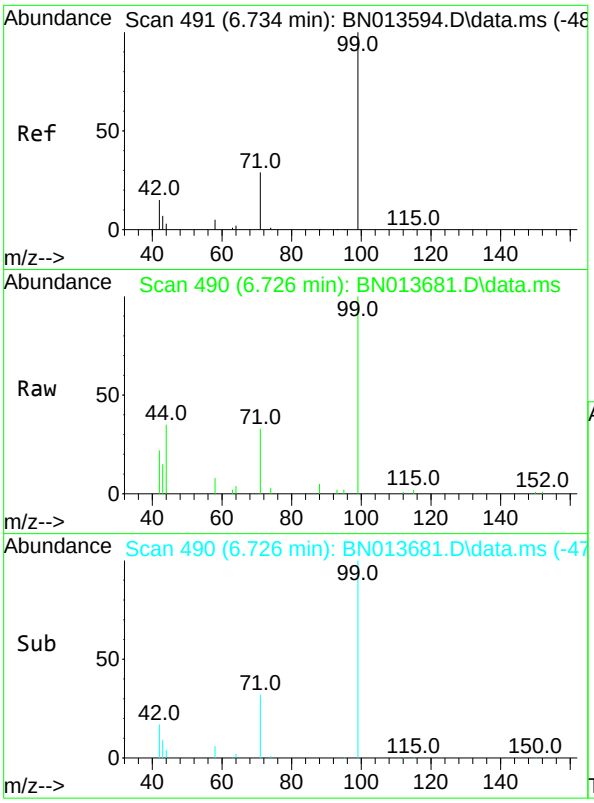
#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:112 Resp: 5773

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	28.1	23.0	34.6



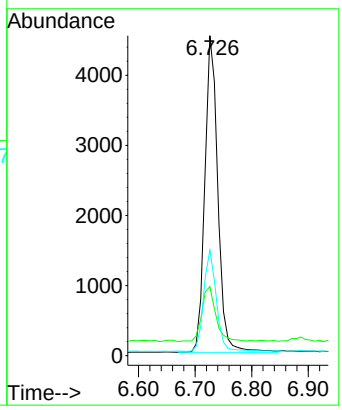
Instrument :
BNA_N
ClientSampleId :

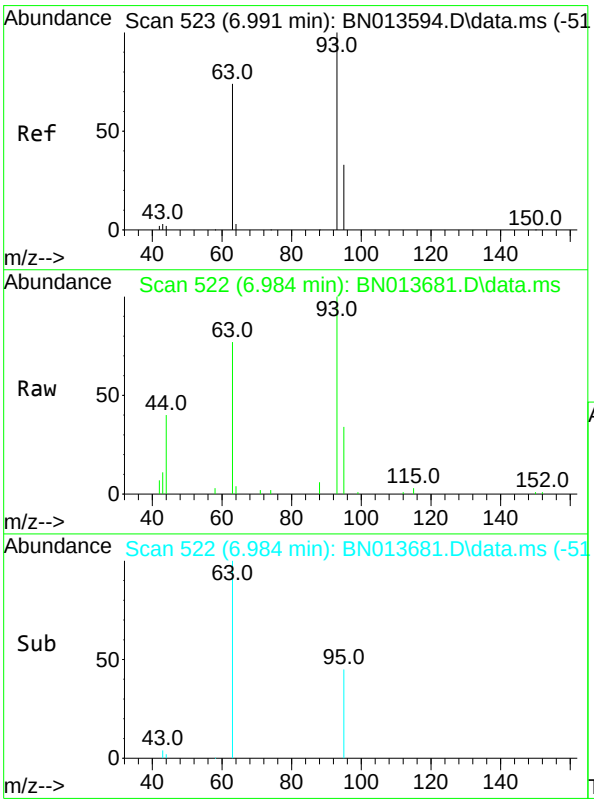


#5
Phenol-d6
Concen: 0.46 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion: 99 Resp: 7213

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.2	22.8
71	31.4	26.1	39.1

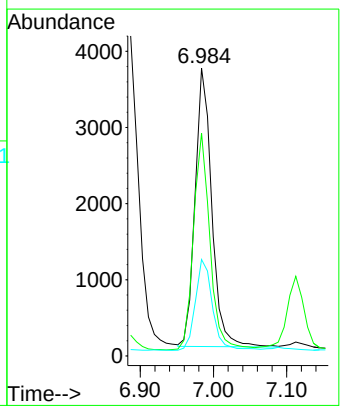




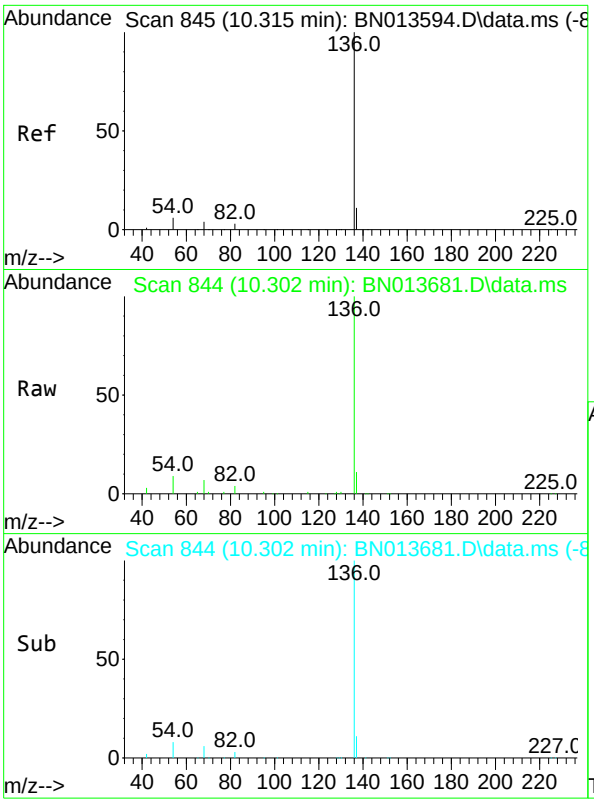
#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 6.984 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion: 93 Resp: 5796

Ion	Ratio	Lower	Upper
93	100		
63	76.6	60.8	91.2
95	33.7	26.0	39.0



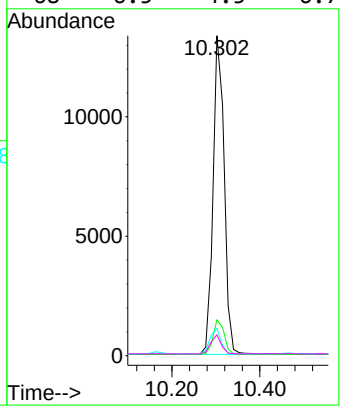
Instrument :
BNA_N
ClientSampleId :

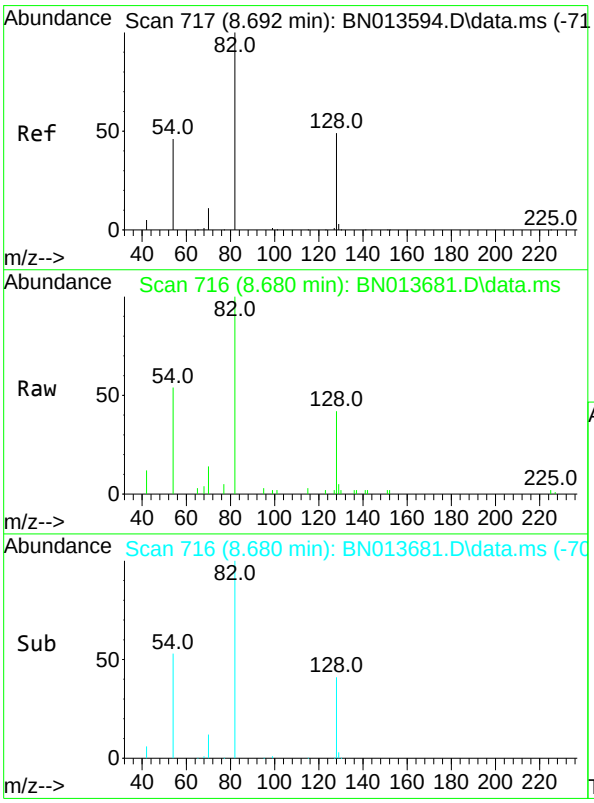


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:136 Resp: 23347

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	6.4	9.6
68	6.5	4.5	6.7

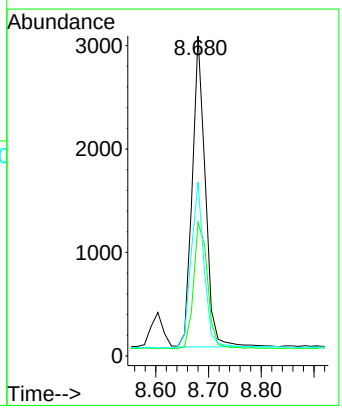


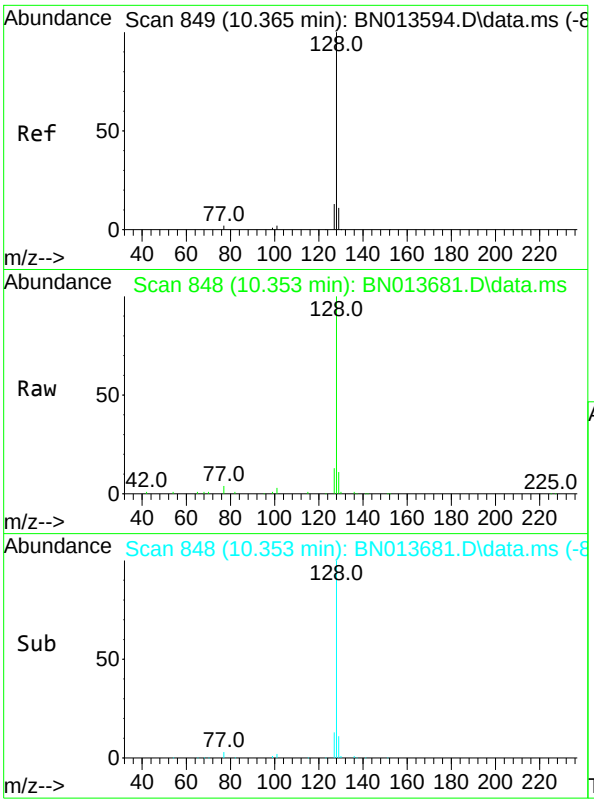


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion: 82 Resp: 5189

Ion	Ratio	Lower	Upper
82	100		
128	41.7	39.2	58.8
54	54.3	40.1	60.1

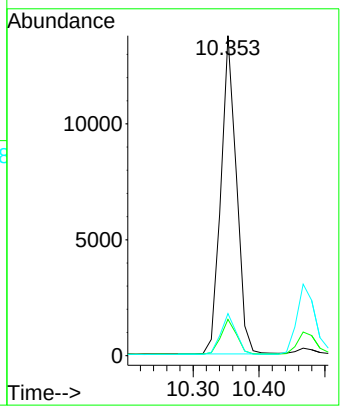




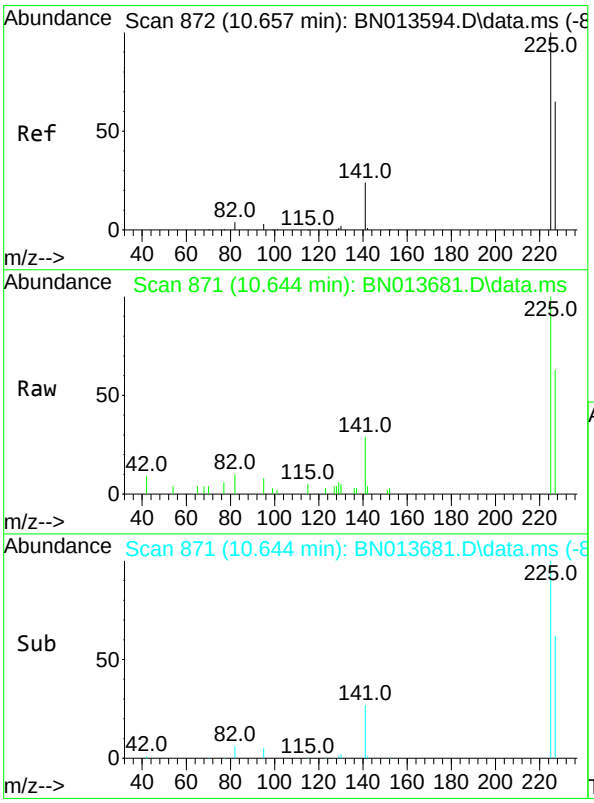
#9
Naphthalene
Concen: 0.39 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:128 Resp: 22485

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.1	10.4	15.6



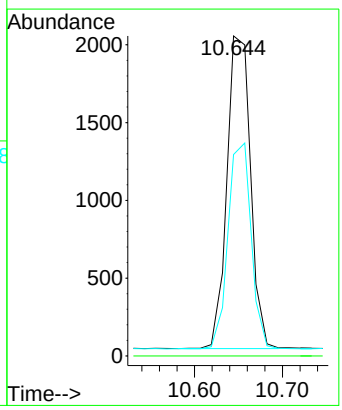
Instrument :
BNA_N
ClientSampleId :

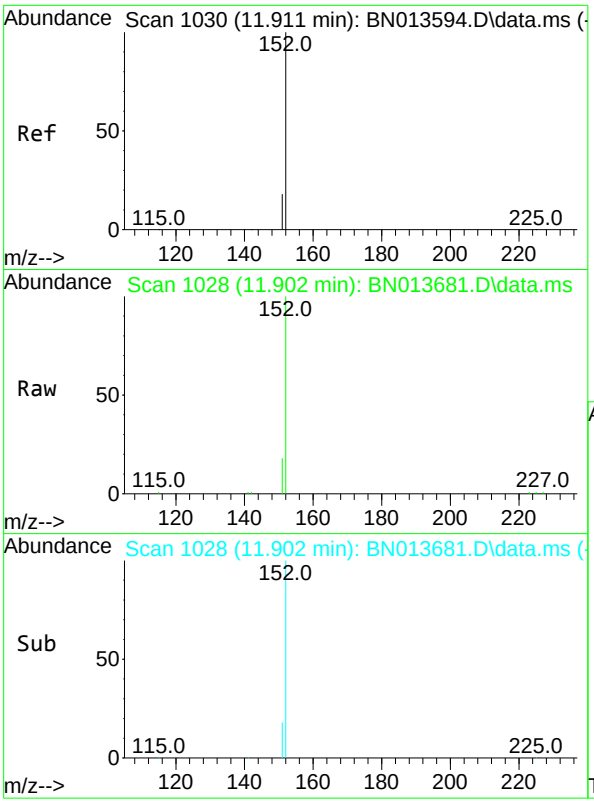


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.644 min Scan# 871
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:225 Resp: 3749

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.2	76.8

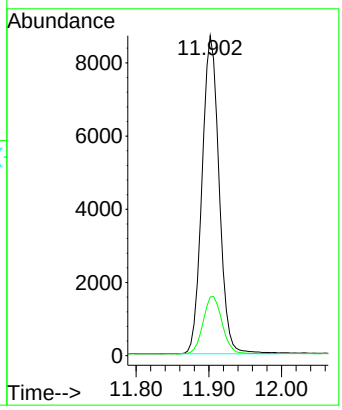




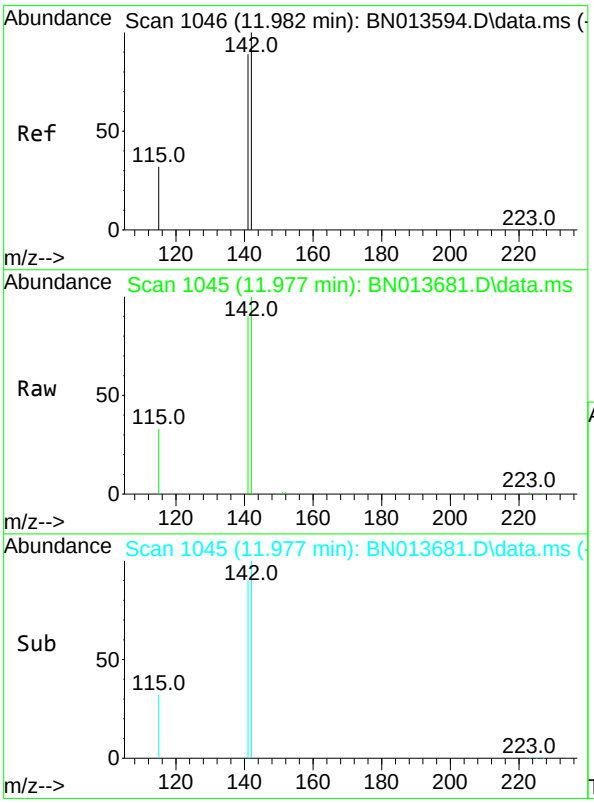
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:152 Resp: 14175

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2



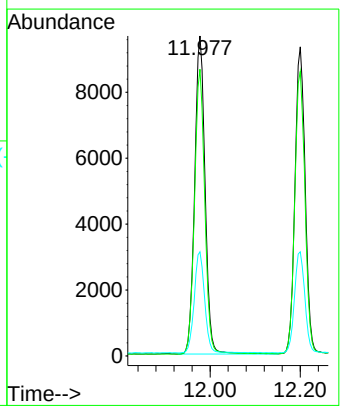
Instrument :
BNA_N
ClientSampleId :



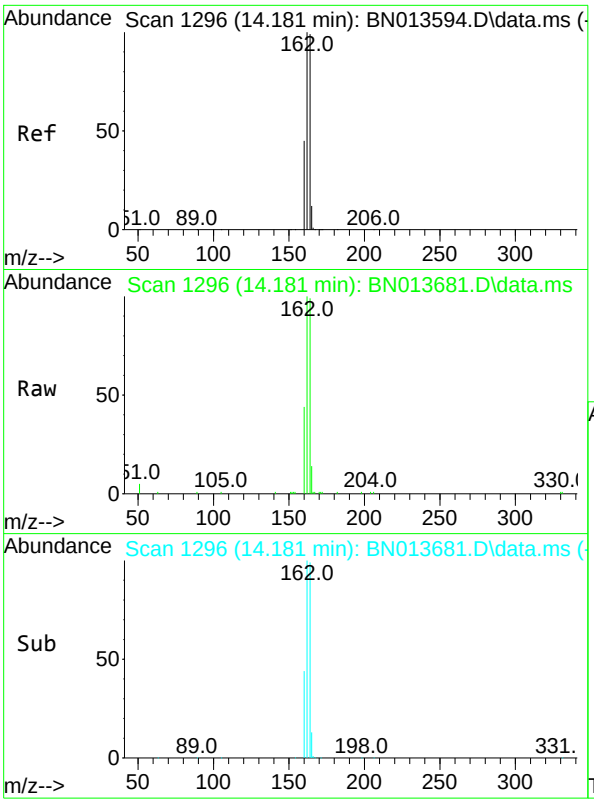
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:142 Resp: 15453

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.5	105.7
115	32.6	27.4	41.0



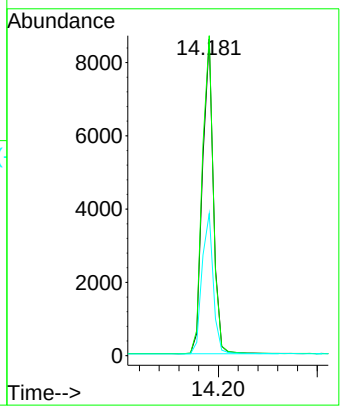
Instrument :
BNA_N
ClientSampleId :

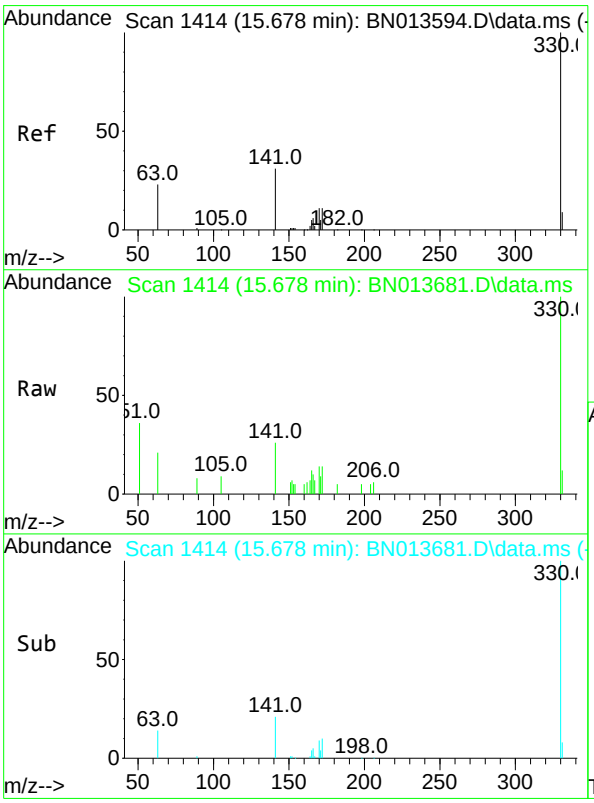


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:164 Resp: 13126

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.6	119.4
160	44.9	36.0	54.0

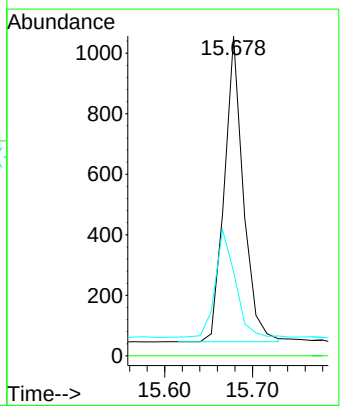


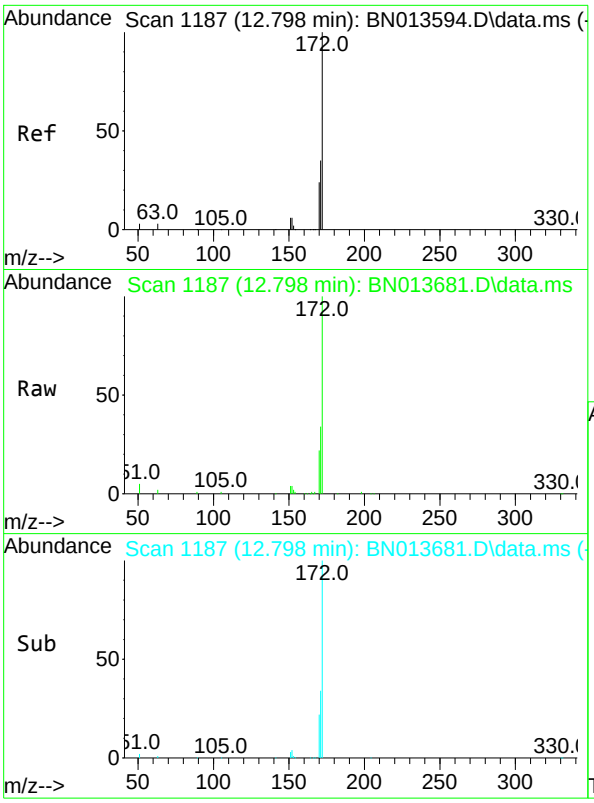


#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:330 Resp: 1513

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.9	26.8	40.2

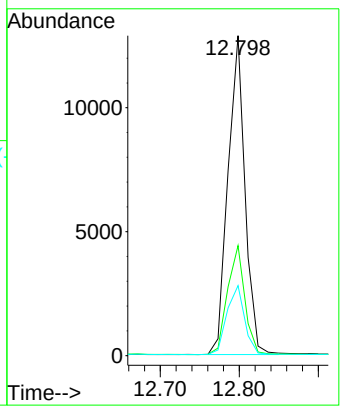




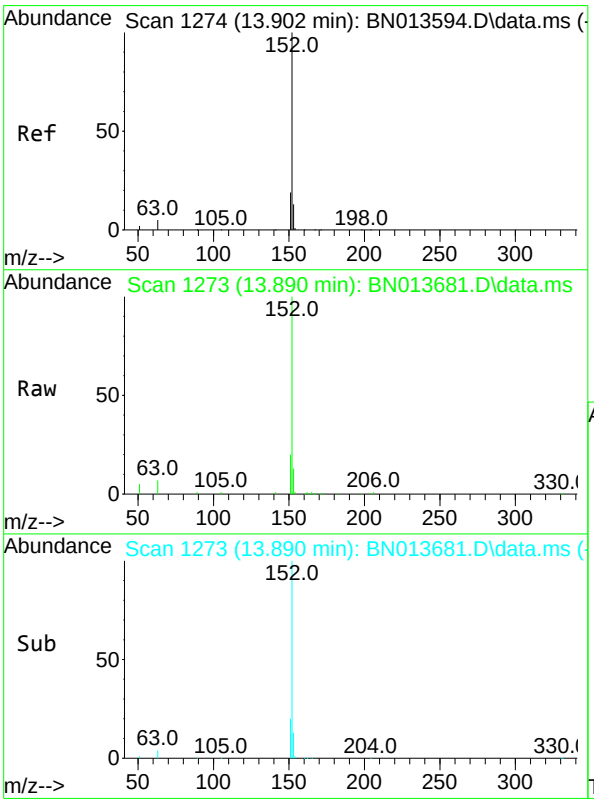
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:172 Resp: 19309

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	21.9	18.9	28.3



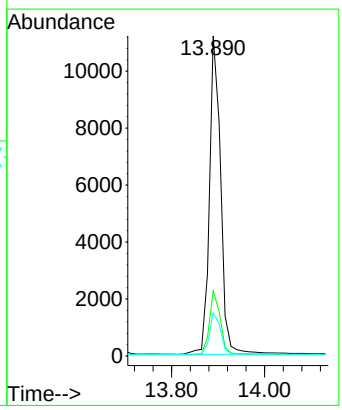
Instrument :
BNA_N
ClientSampleId :



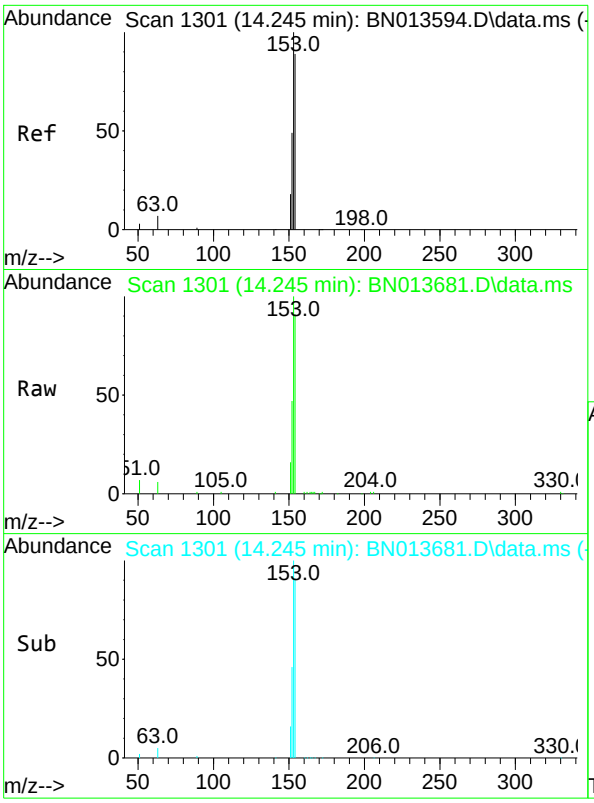
#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.890 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:152 Resp: 18882

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.5	15.7



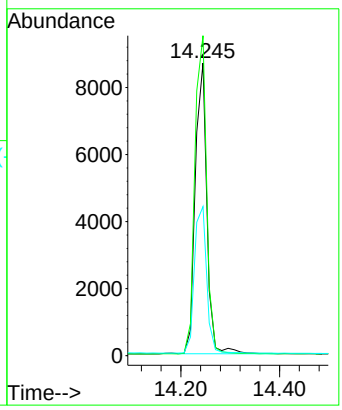
Instrument :
BNA_N
ClientSampleId :

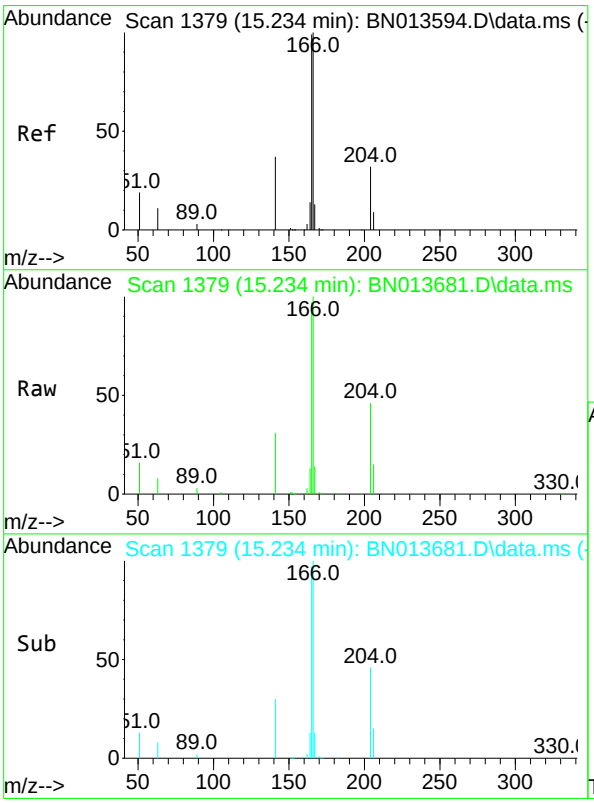


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:154 Resp: 14130

Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.4	132.6
152	53.4	43.0	64.4

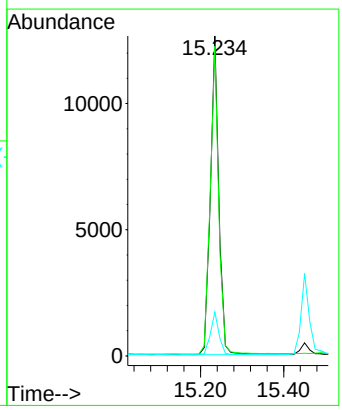


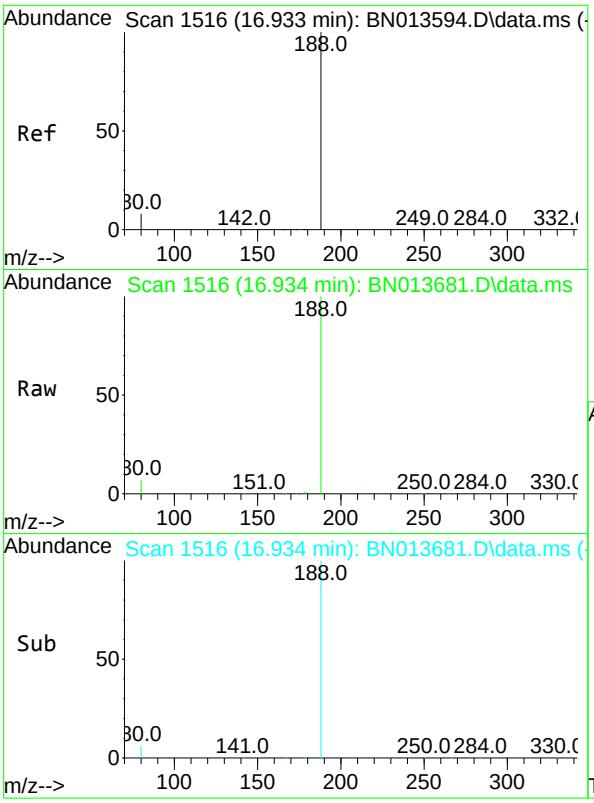


#18
Fluorene
Concen: 0.39 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:166 Resp: 17637

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.8
167	13.6	10.6	16.0

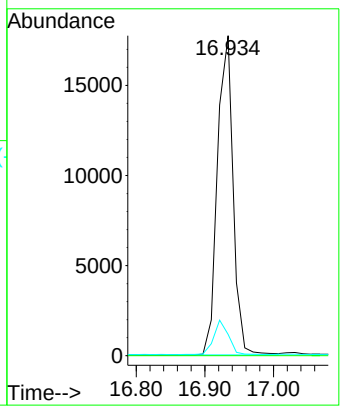




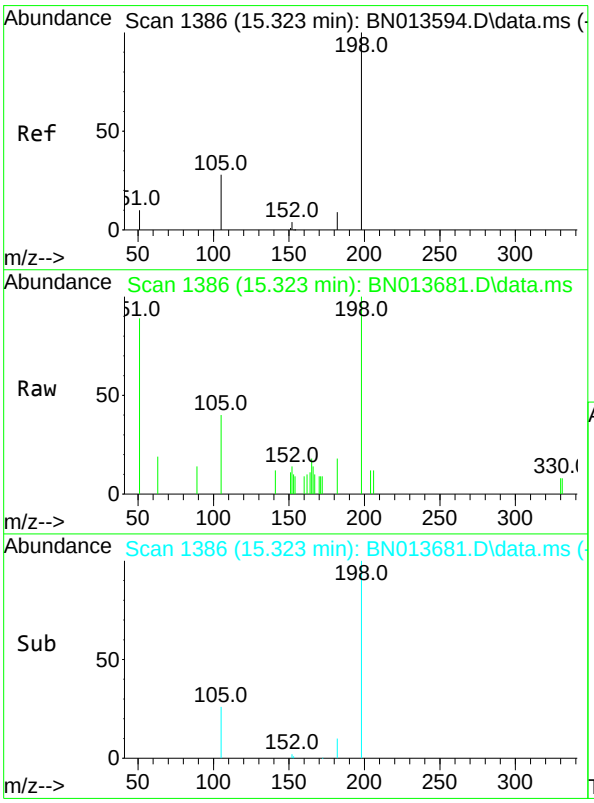
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:188 Resp: 28010

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	9.0	13.6#



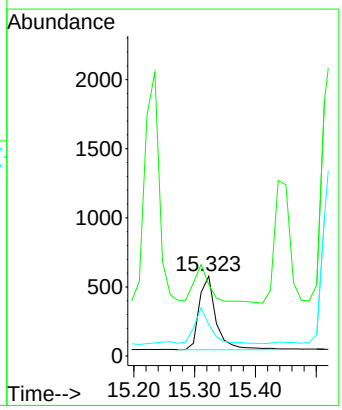
Instrument :
BNA_N
ClientSampleId :



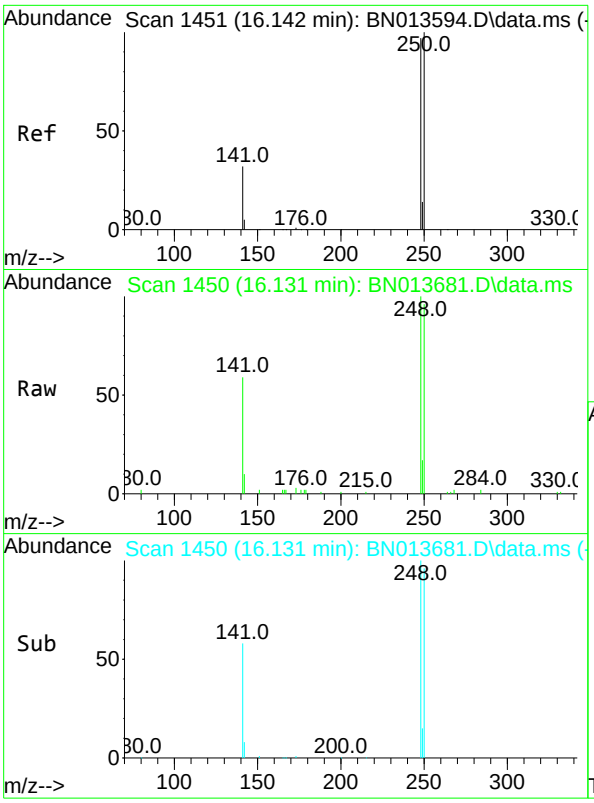
#20
4,6-Dinitro-2-methylphenol
Concen: 0.41 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:198 Resp: 1029

Ion	Ratio	Lower	Upper
198	100		
51	89.4	61.7	92.5
105	39.5	33.0	49.6



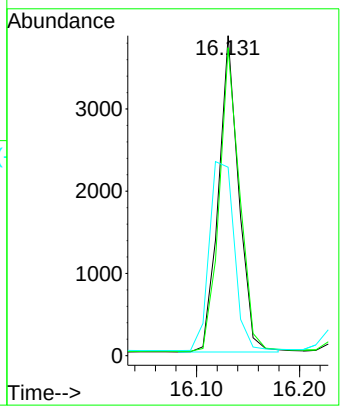
Instrument :
BNA_N
ClientSampleId :

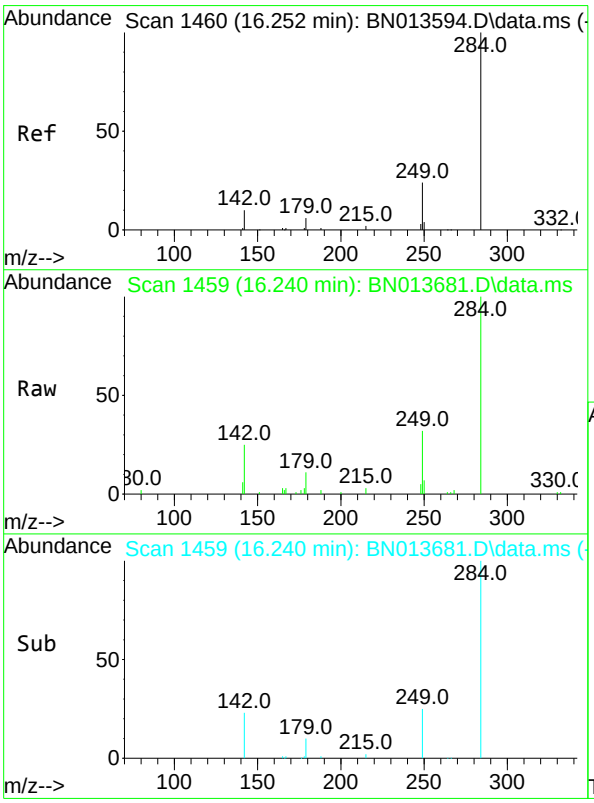


#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.131 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:248 Resp: 5225

Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.5	113.3
141	58.9	53.8	80.8

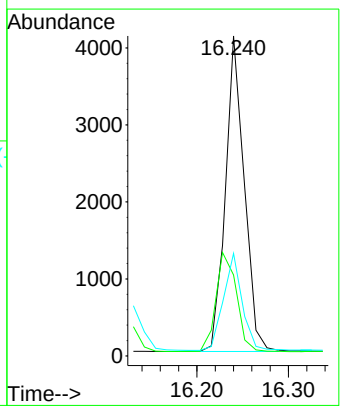




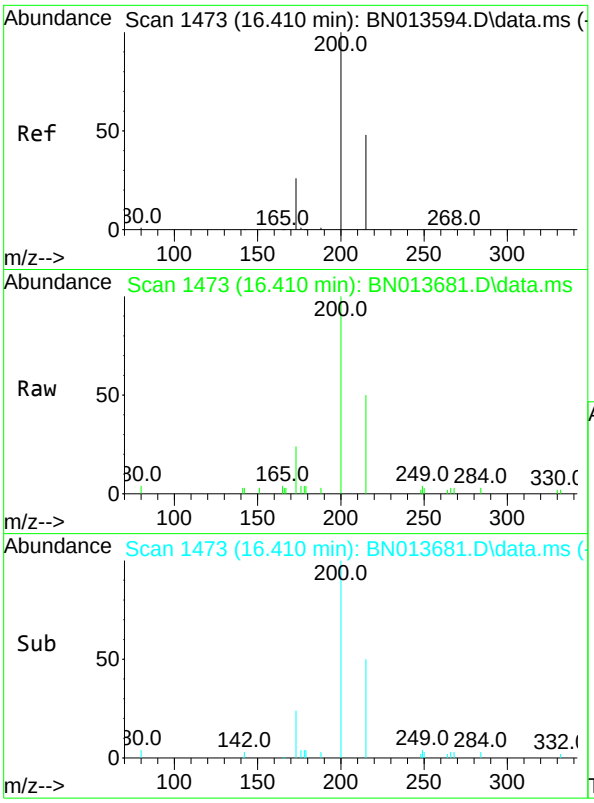
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.240 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:284 Resp: 5859

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.9	41.9
249	30.4	24.2	36.2



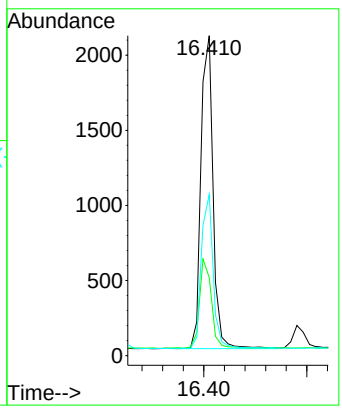
Instrument :
BNA_N
ClientSampleId :

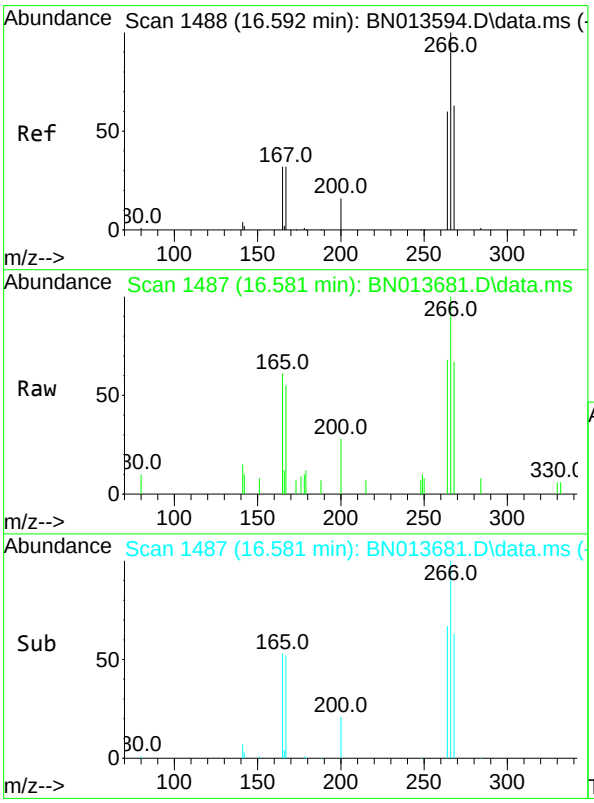


#23
Atrazine
Concen: 0.38 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:200 Resp: 3409

Ion	Ratio	Lower	Upper
200	100		
173	24.4	18.6	28.0
215	50.4	41.0	61.6

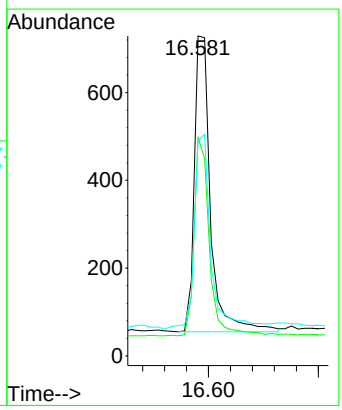




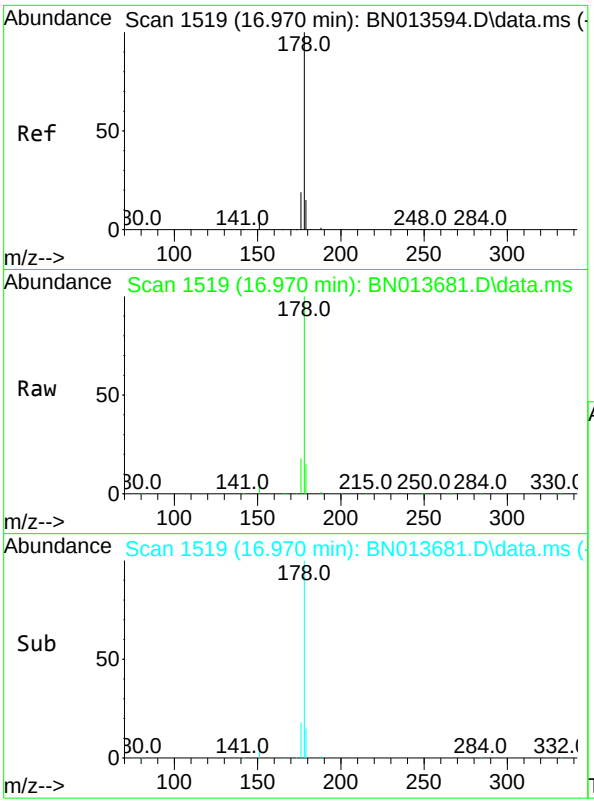
#24
Pentachlorophenol
Concen: 0.51 ng
RT: 16.581 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:266 Resp: 1387

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.6	77.4
268	68.1	54.6	82.0



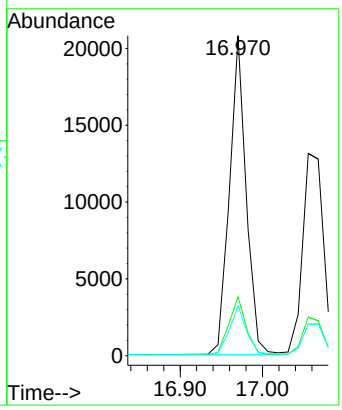
Instrument :
BNA_N
ClientSampleId :

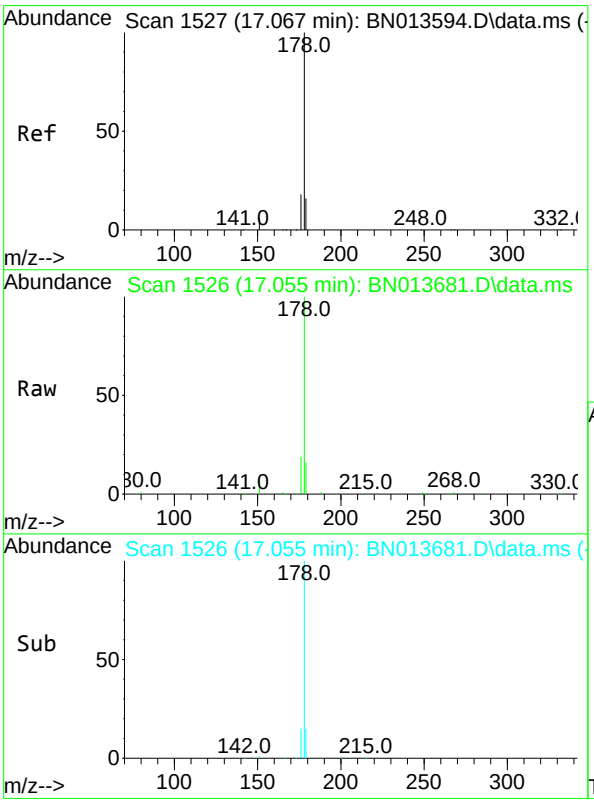


#25
Phenanthrene
Concen: 0.38 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:178 Resp: 29153

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.3	18.5

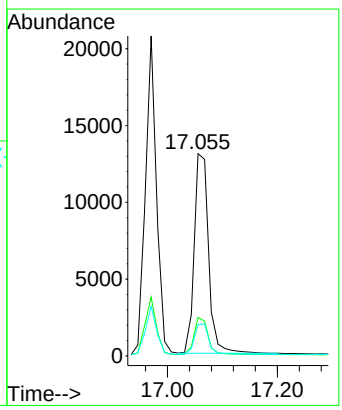


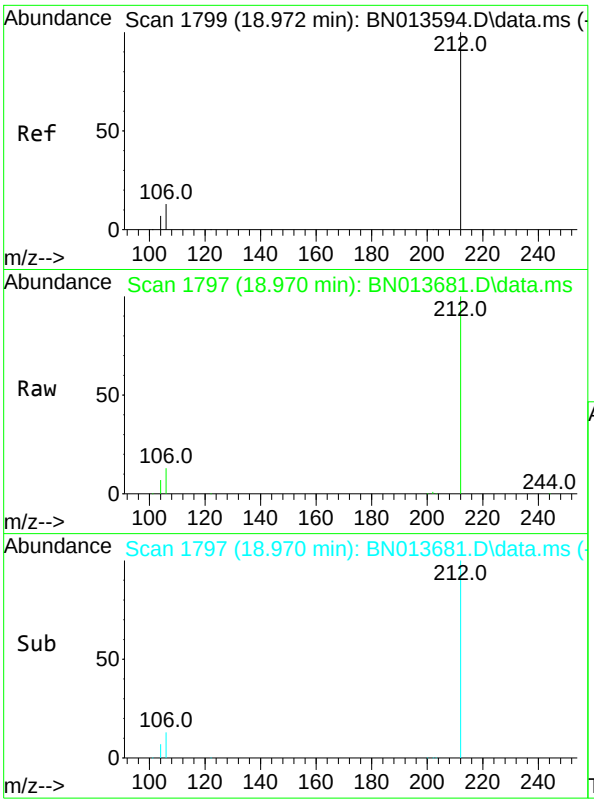


#26
Anthracene
Concen: 0.38 ng
RT: 17.055 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:178 Resp: 23646

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.3	12.2	18.2

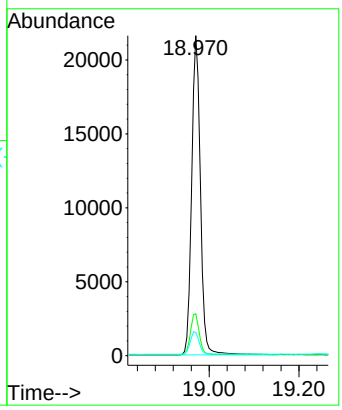




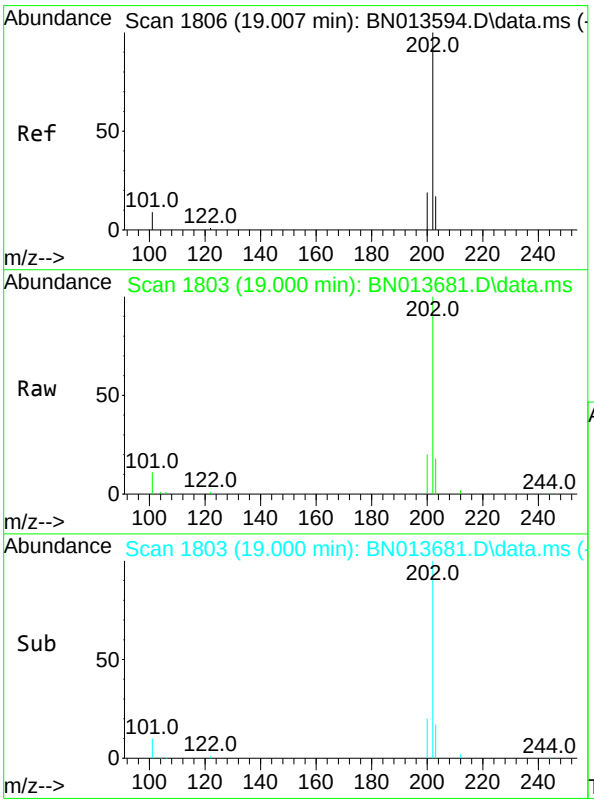
#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:212 Resp: 29265

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.7	14.5
104	7.2	5.5	8.3



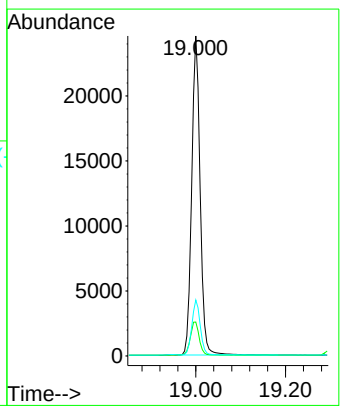
Instrument :
BNA_N
ClientSampleId :

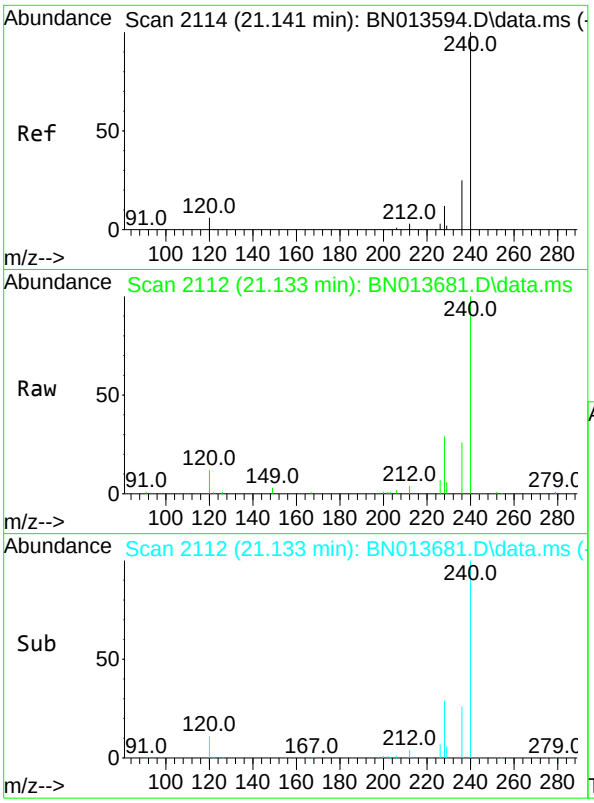


#28
Fluoranthene
Concen: 0.38 ng
RT: 19.000 min Scan# 1803
Delta R.T. -0.002 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:202 Resp: 32186

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.1	12.1
203	17.1	13.9	20.9

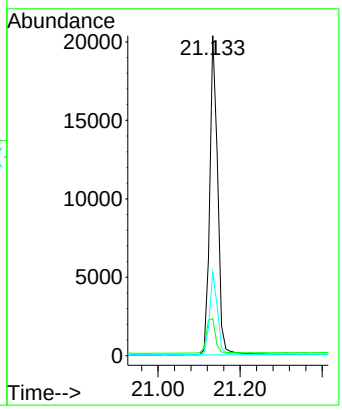




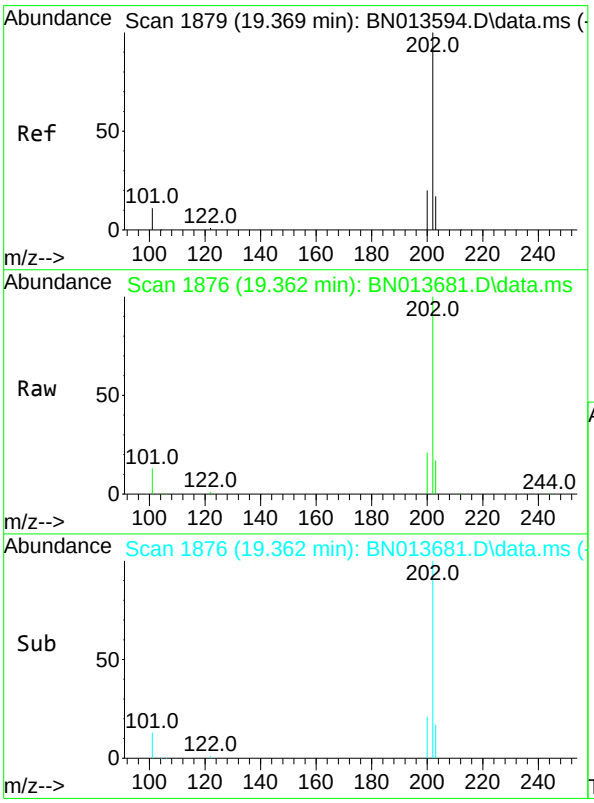
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:240 Resp: 27411

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.2	15.4
236	26.1	21.3	31.9



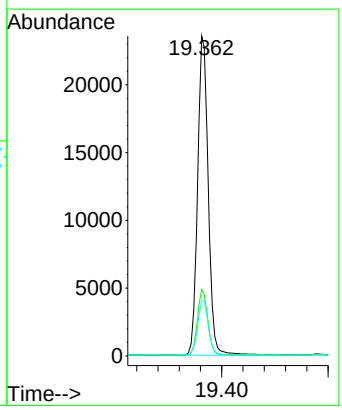
Instrument :
BNA_N
ClientSampleId :



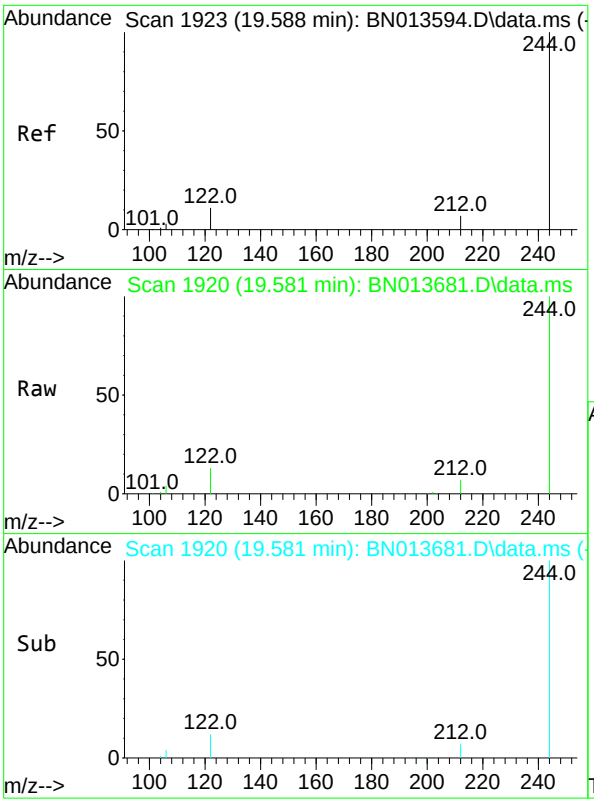
#30
Pyrene
Concen: 0.40 ng
RT: 19.362 min Scan# 1876
Delta R.T. -0.002 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:202 Resp: 32601

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.4	14.0	21.0



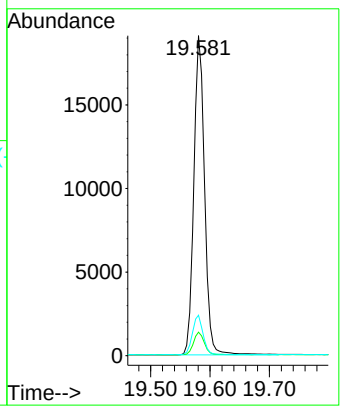
Instrument :
BNA_N
ClientSampleId :

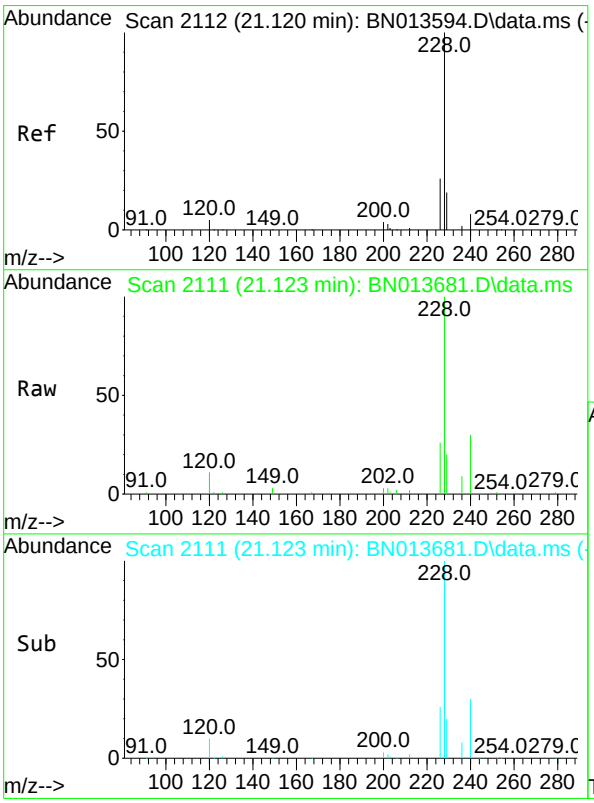


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.581 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:244 Resp: 24005

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.7	9.8	14.8

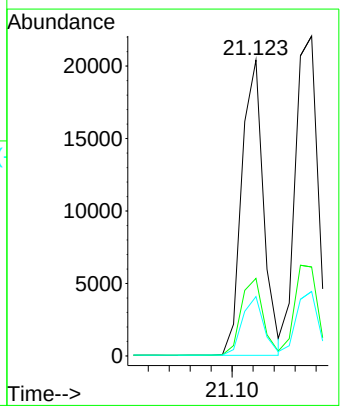


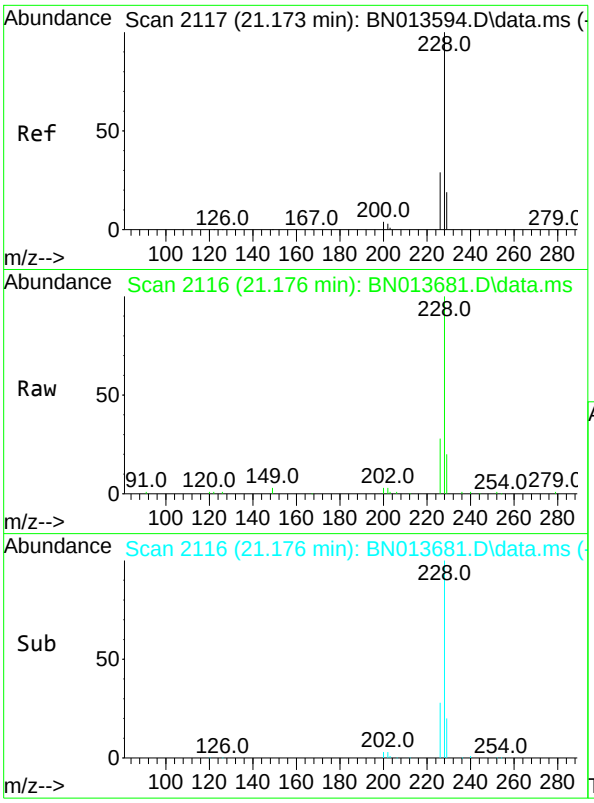


#32
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.123 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:228 Resp: 29171

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.5	30.7
229	20.0	16.2	24.4

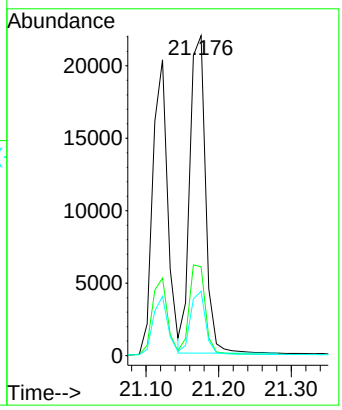




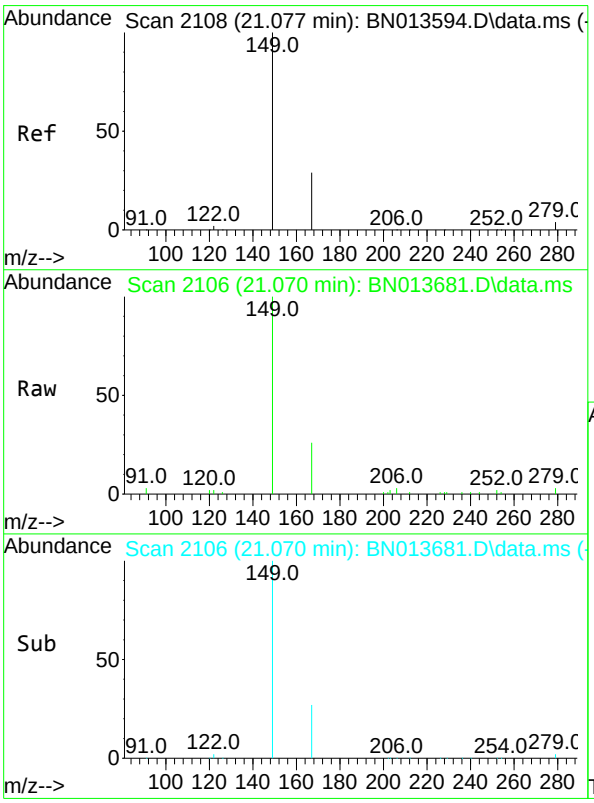
#33
Chrysene
Concen: 0.39 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:228 Resp: 33004

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.3	36.5
229	20.2	15.1	22.7



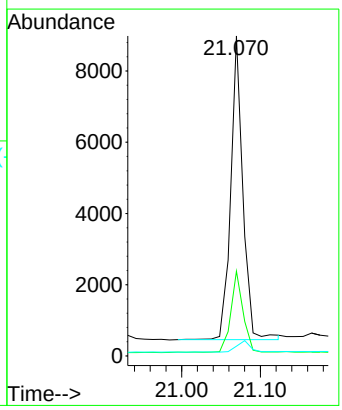
Instrument :
BNA_N
ClientSampleId :



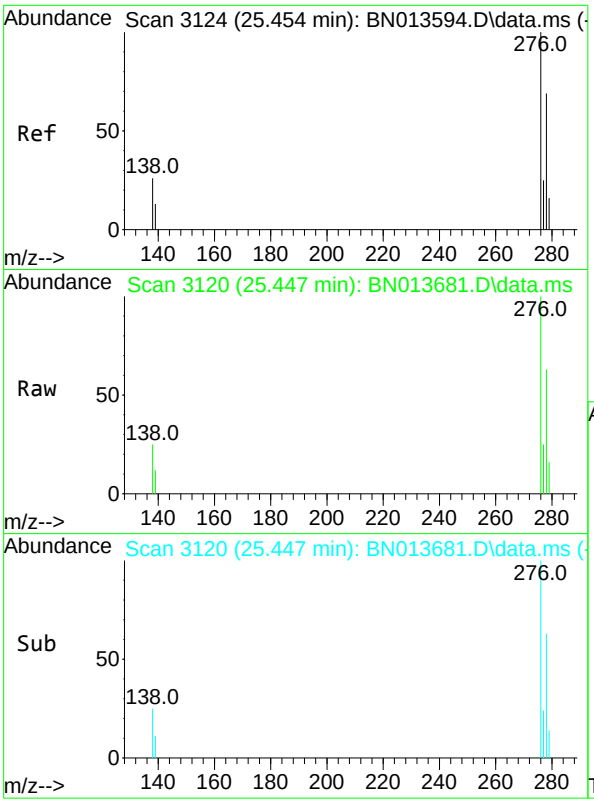
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 21.070 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:149 Resp: 9147

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.1	33.1
279	4.3	3.5	5.3



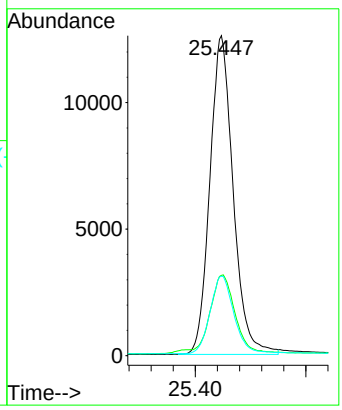
Instrument :
BNA_N
ClientSampleId :

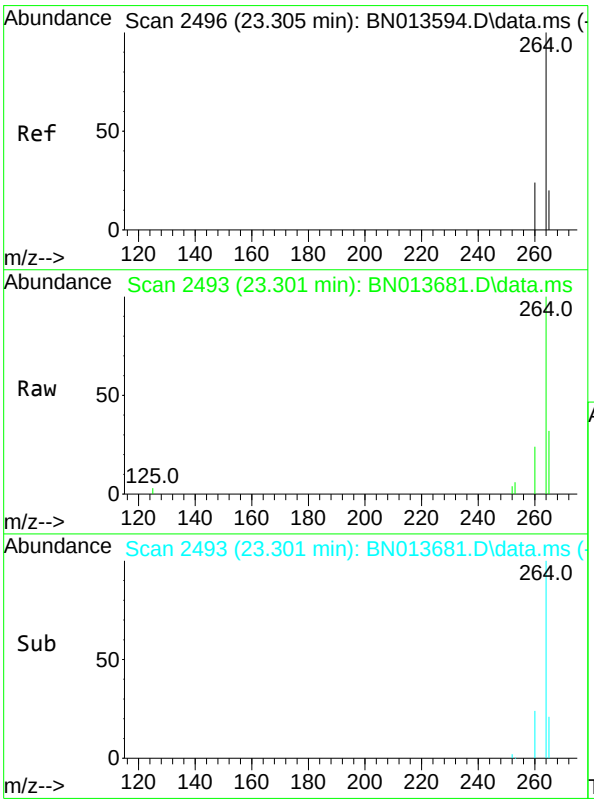


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 25.447 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:276 Resp: 36901

Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.8	29.6
277	24.9	19.9	29.9

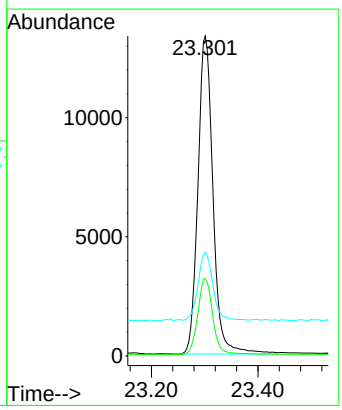




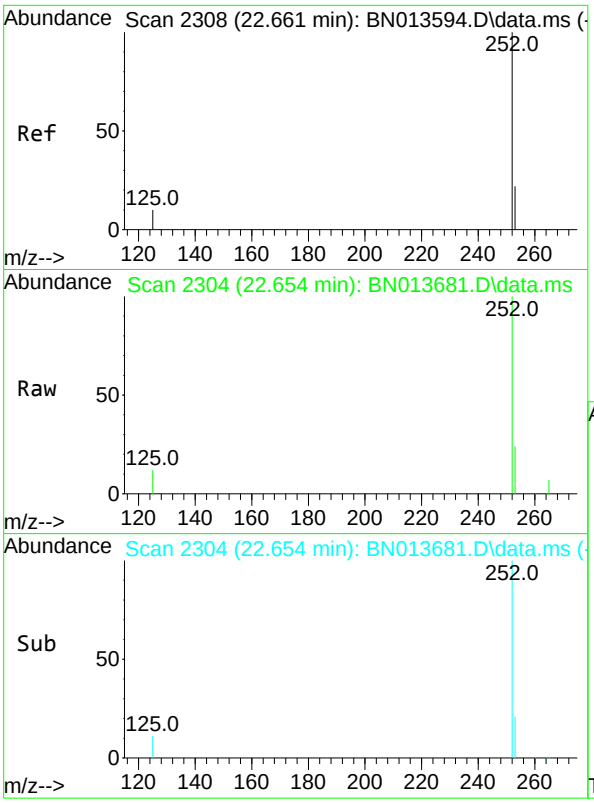
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:264 Resp: 26297

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	32.4	66.2	99.4#



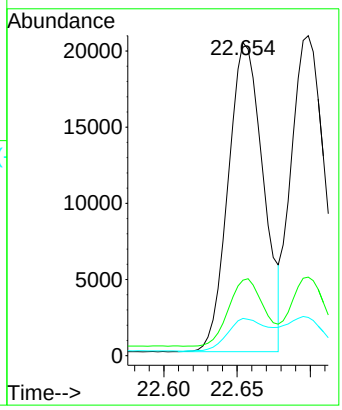
Instrument :
BNA_N
ClientSampleId :

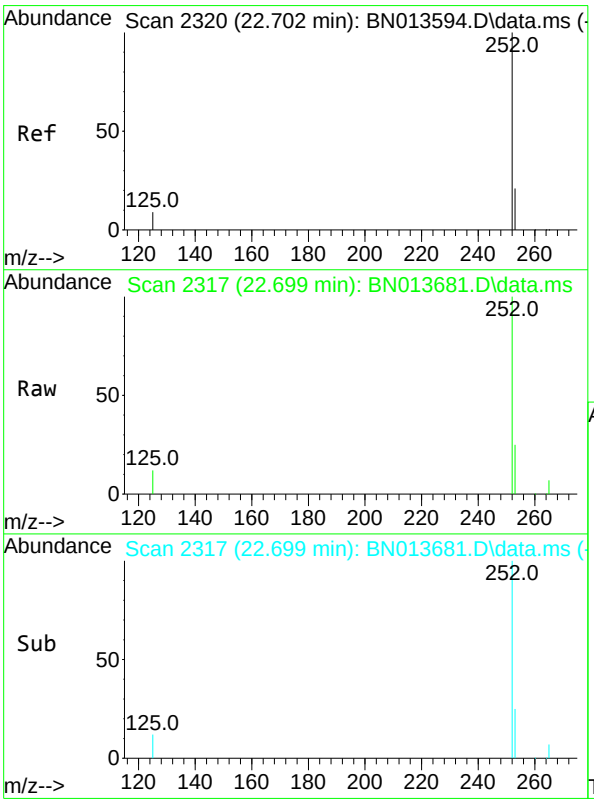


#37
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.654 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:252 Resp: 33841

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.4	30.6
125	11.9	11.6	17.4

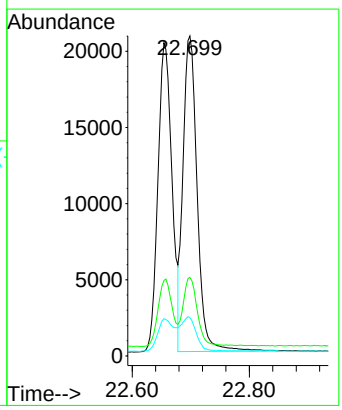


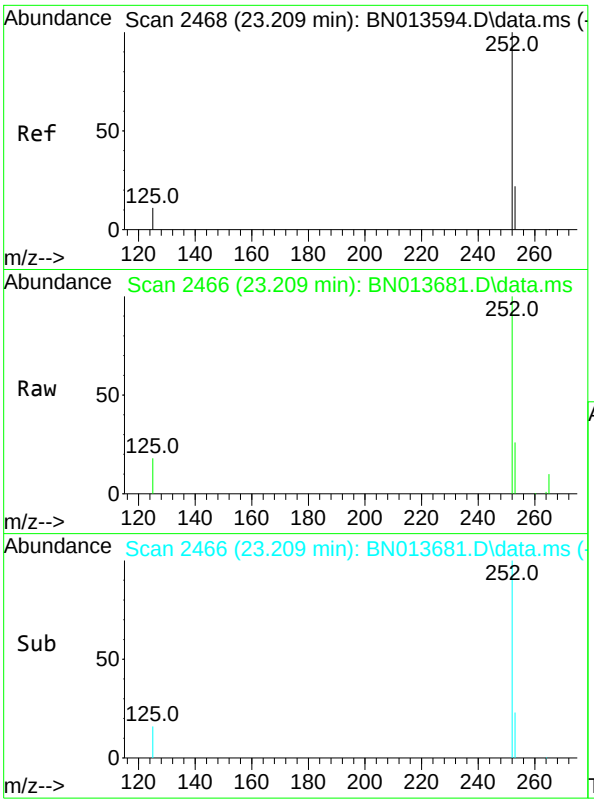


#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.699 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:252 Resp: 34636

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.5	30.7
125	12.0	12.3	18.5#

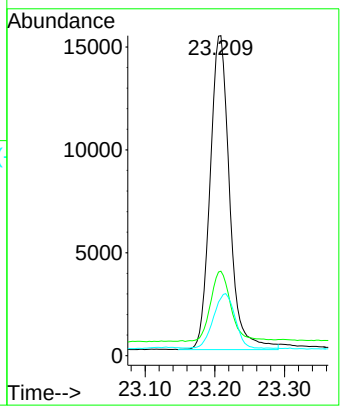




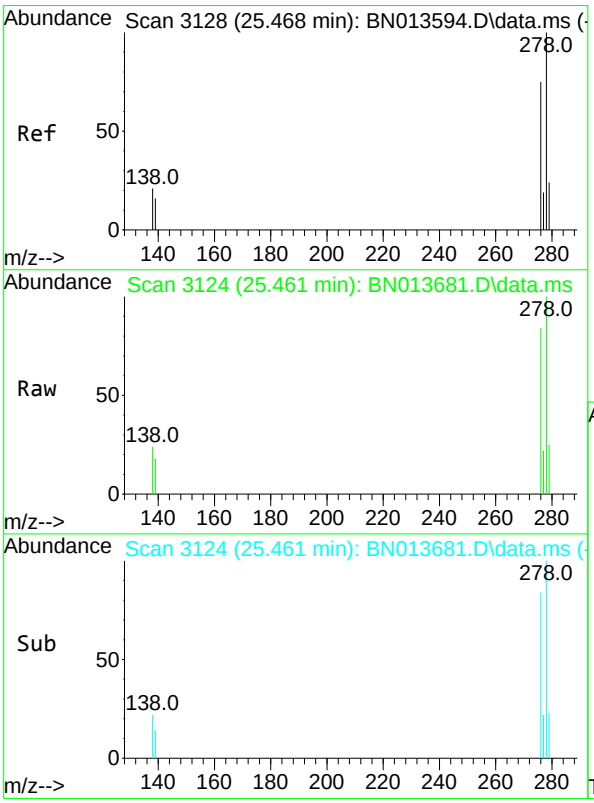
#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.209 min Scan# 2466
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:252 Resp: 29694

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.8	32.6
125	18.0	14.6	21.8



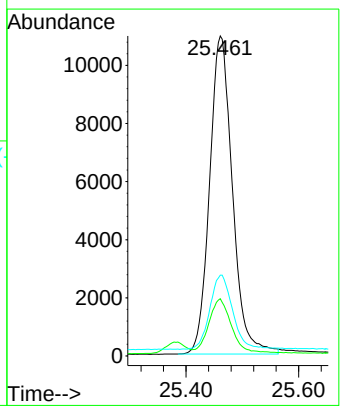
Instrument :
BNA_N
ClientSampleId :

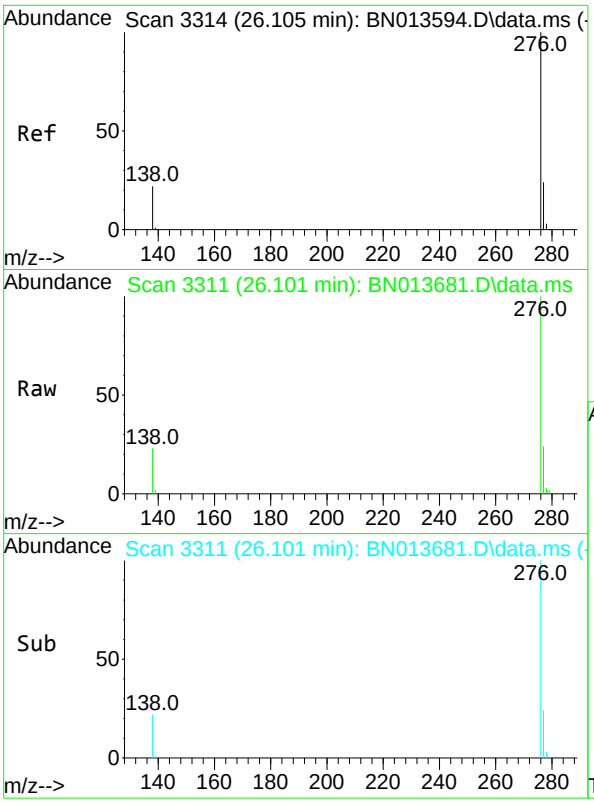


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.461 min Scan# 3124
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:278 Resp: 30835

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.1	19.7
279	25.2	21.4	32.0

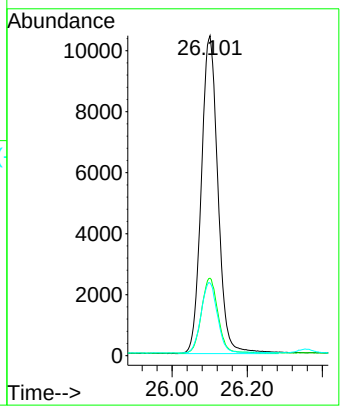




#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.101 min Scan# 3311
Delta R.T. 0.003 min
Lab File: BN013681.D
Acq: 19 Feb 2021 13:45

Tgt Ion:276 Resp: 32113

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.0	30.0
138	22.7	17.8	26.8



Instrument :
BNA_N
ClientSampleId :